

FIG. 1

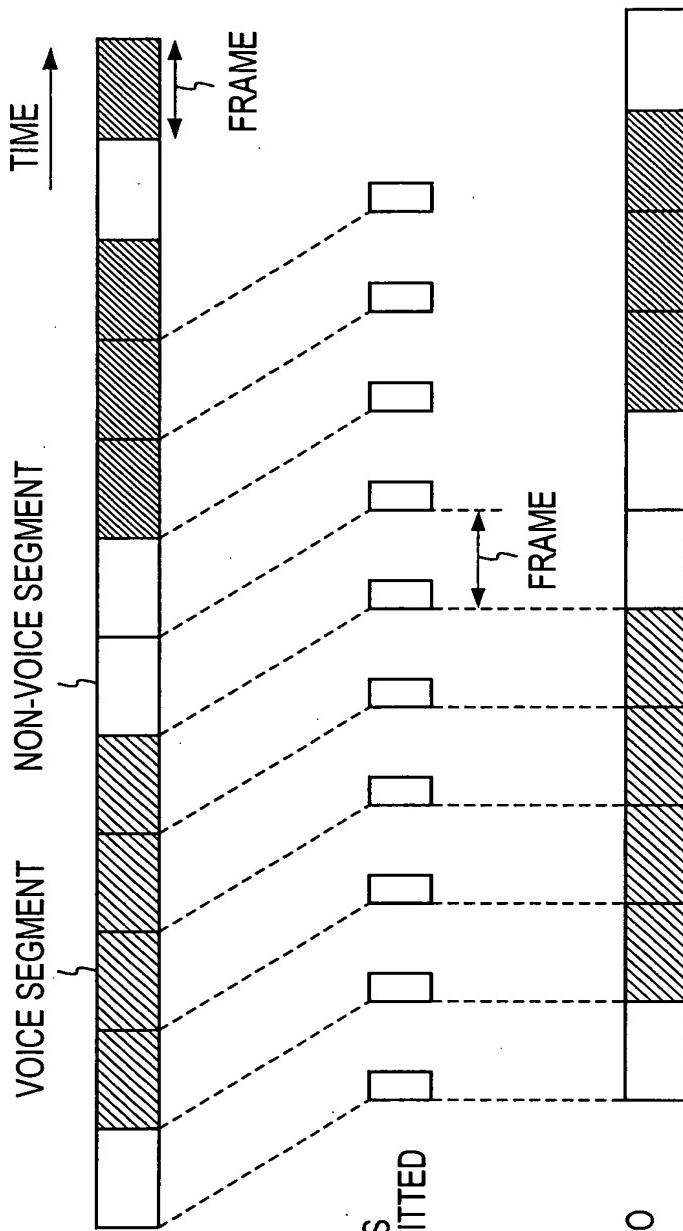


FIG. 2A
AUDIO DATA
STREAM TO
BE SENT

FIG. 2B
AUDIO PACKETS
BEING TRANSMITTED

FIG. 2C
DECODED AUDIO
DATA STREAM

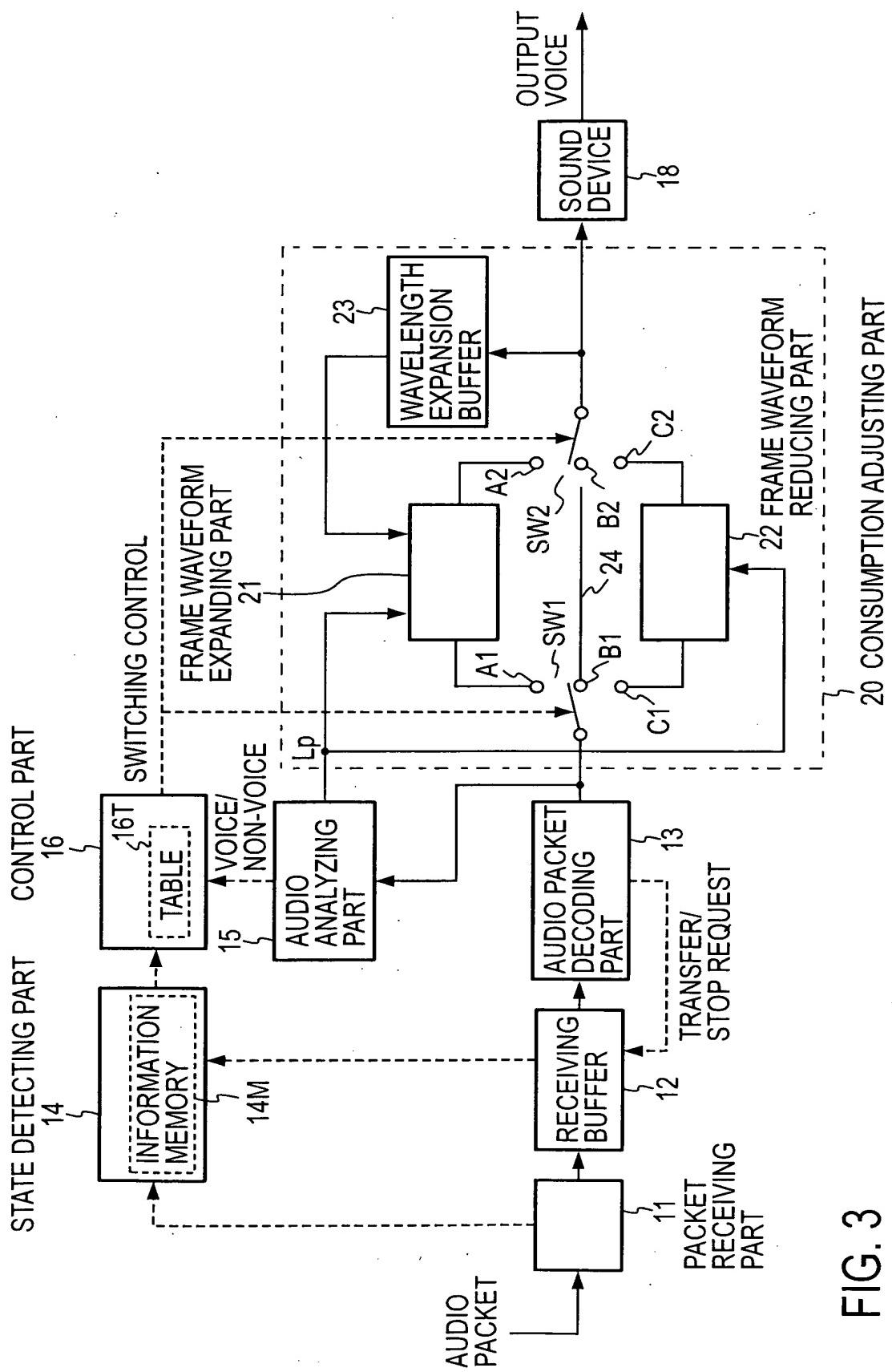


FIG. 3

TABLE 16T

LARGEST JITTER J	OPTIMUM NUMBER OF PACKETS B TO BE BUFFERED
TO 15ms	1
TO 32ms	2
TO 48ms	3
TO 64ms	4
TO 80ms	5
TO 96ms	6
TO 128ms	8
TO 160ms	10
TO 192ms	12
TO 240ms	15
TO 320ms	20
TO 400ms	25
TO 480ms	30
TO 640ms	40
TO 800ms	50

FIG. 4

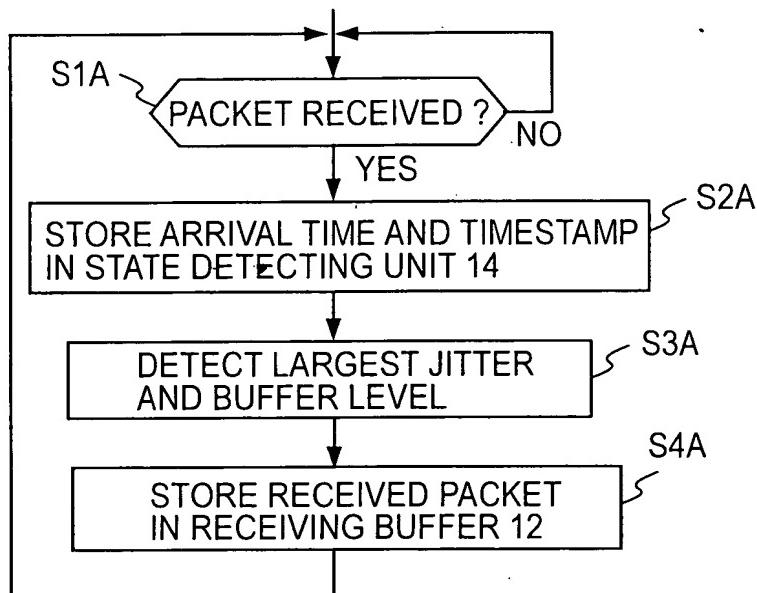


FIG. 5A

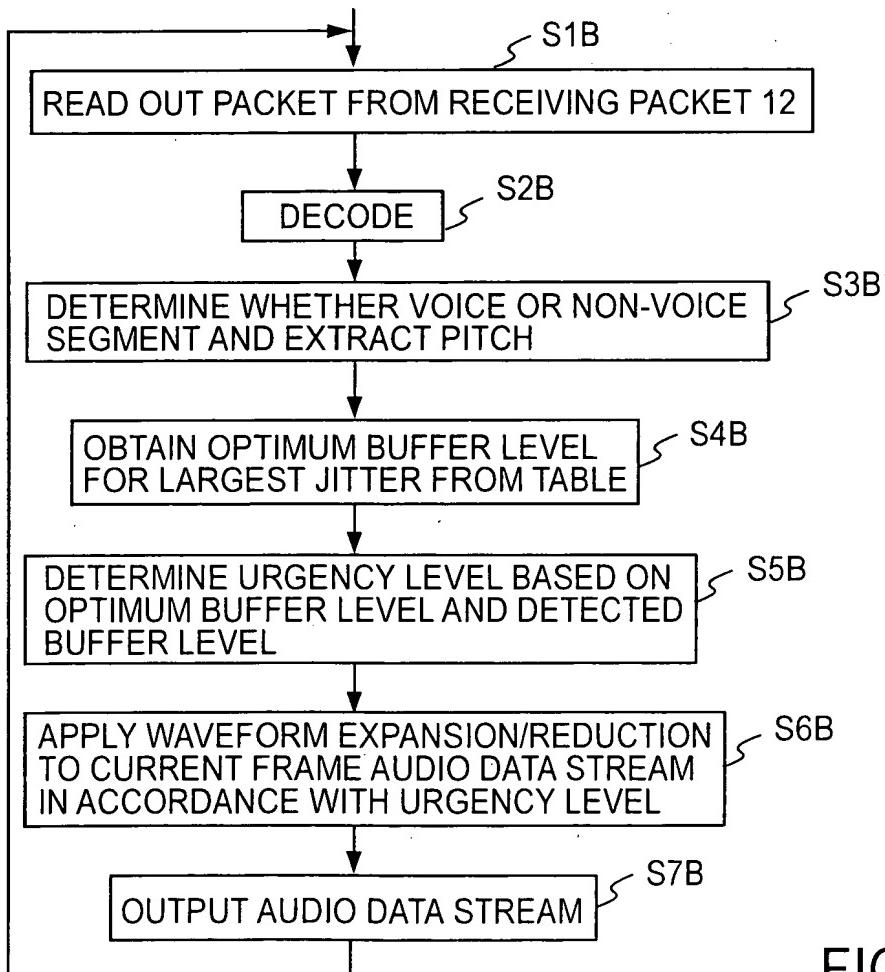


FIG. 5B

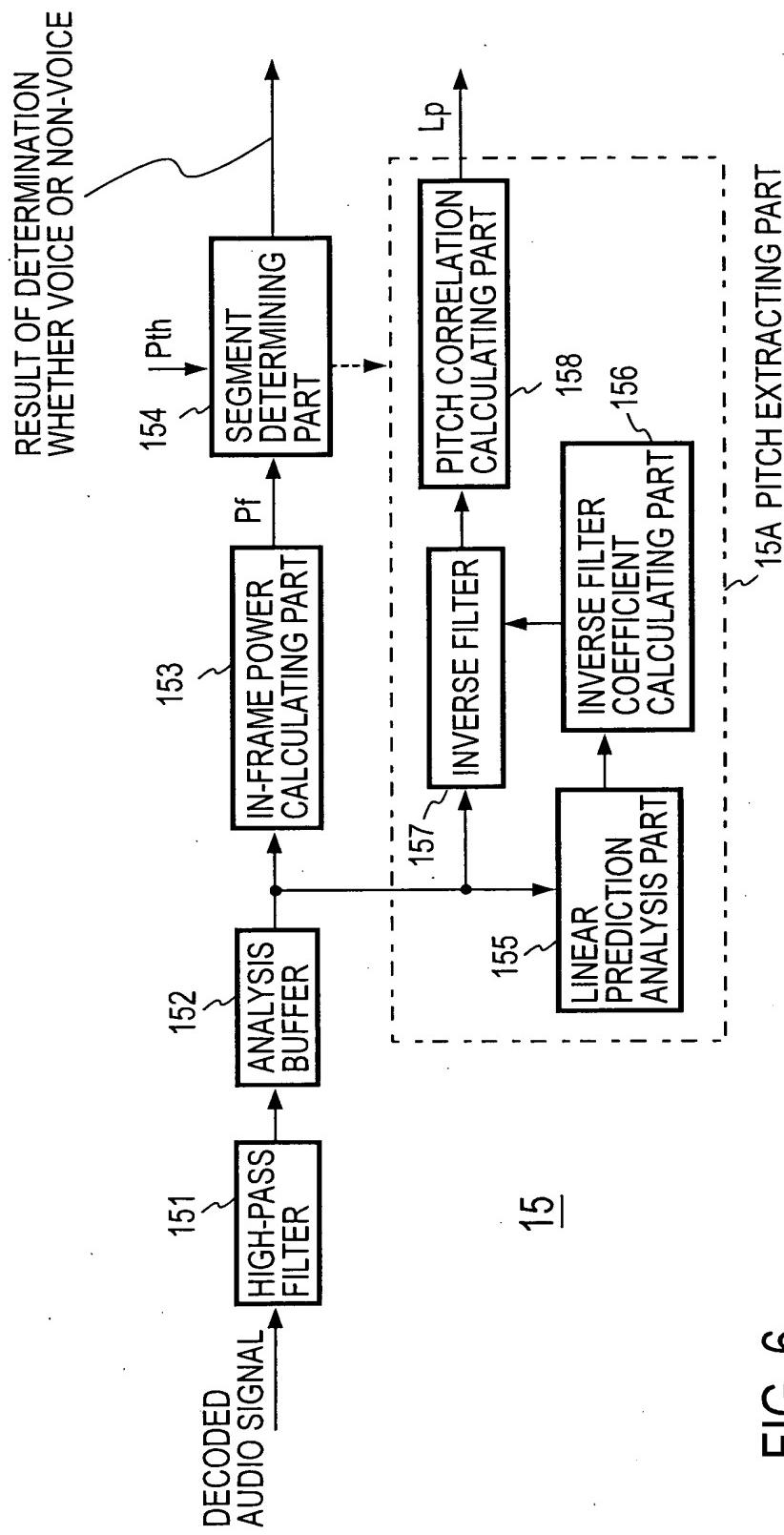


FIG. 6

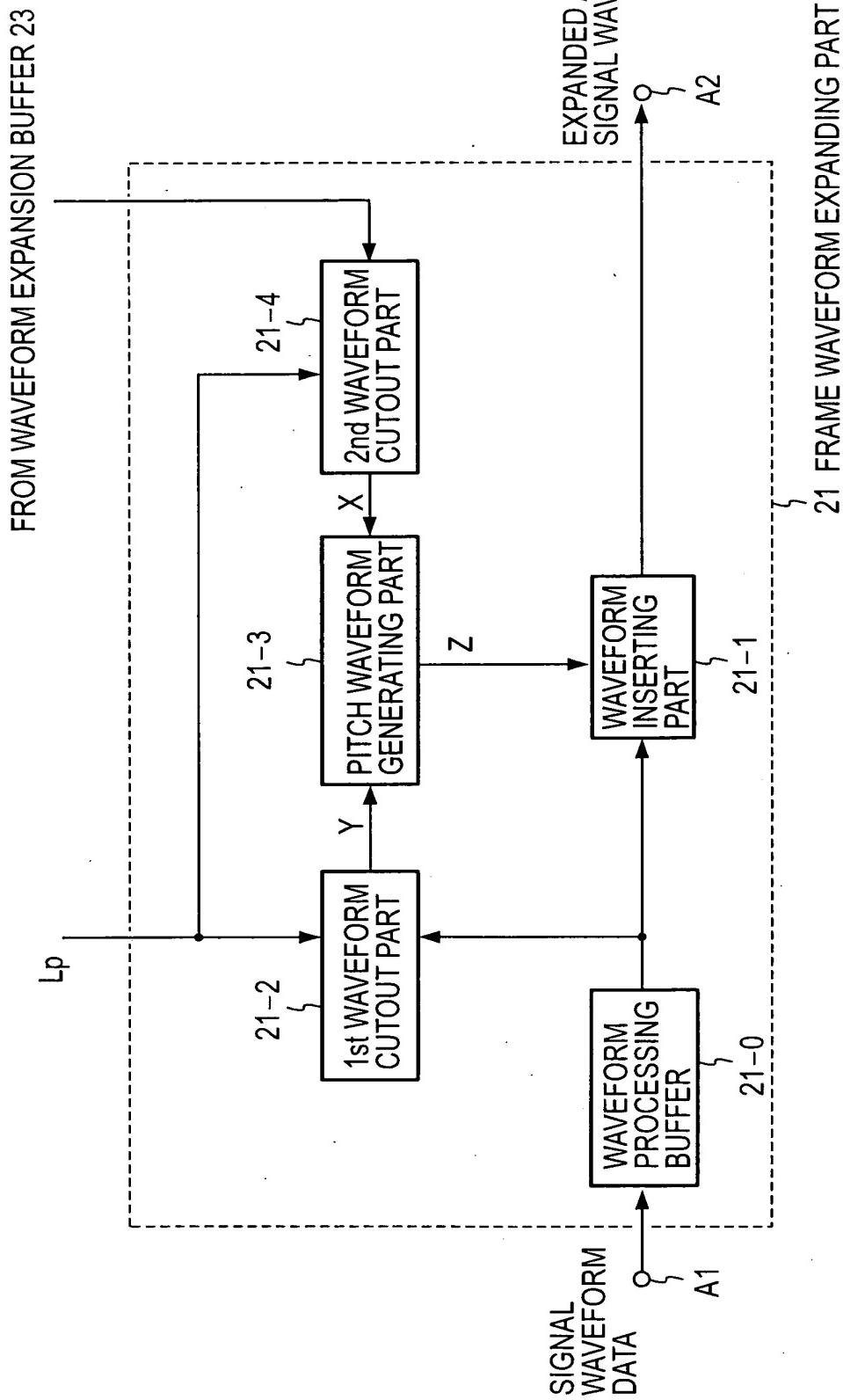


FIG. 7

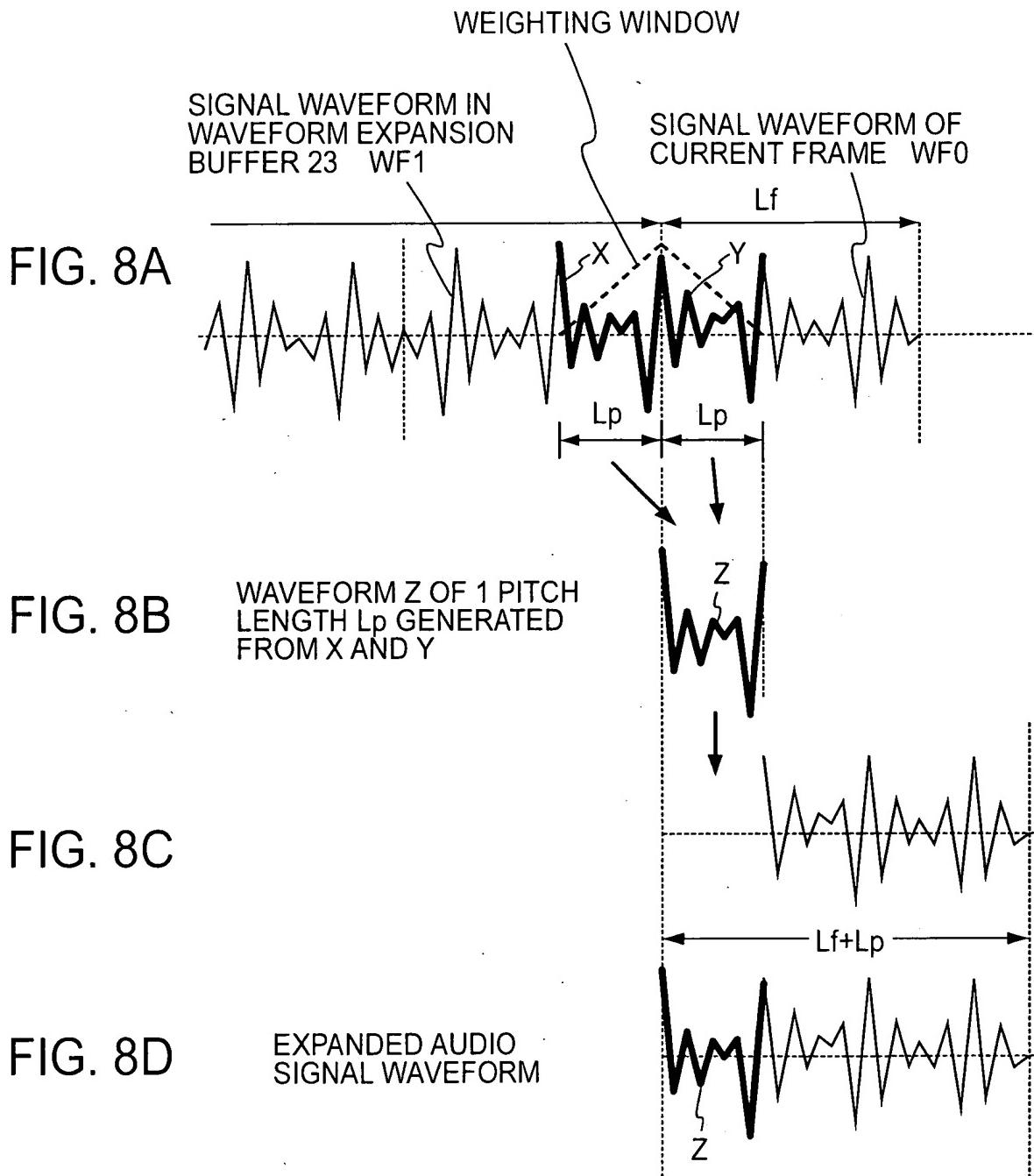


FIG. 9A

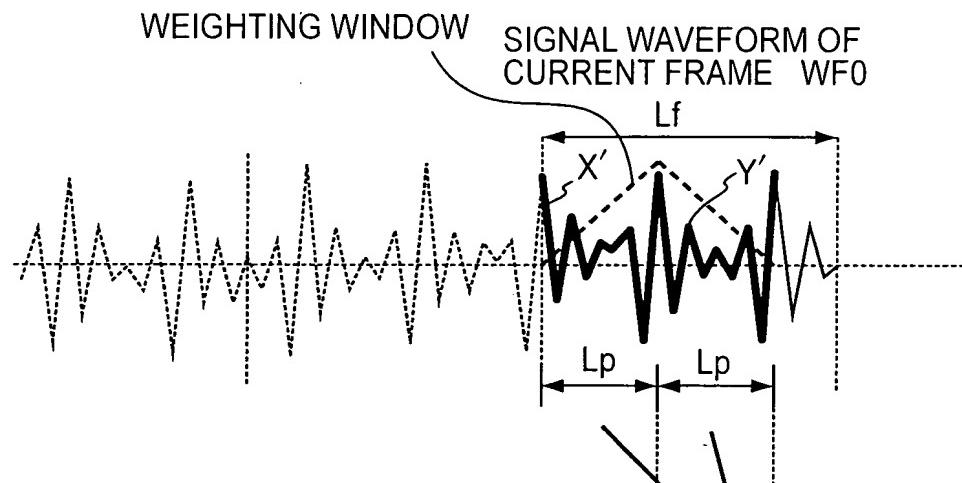


FIG. 9B

WAVEFORM Z' OF PITCH LENGTH L_p GENERATED FROM X' AND Y'

FIG. 9C

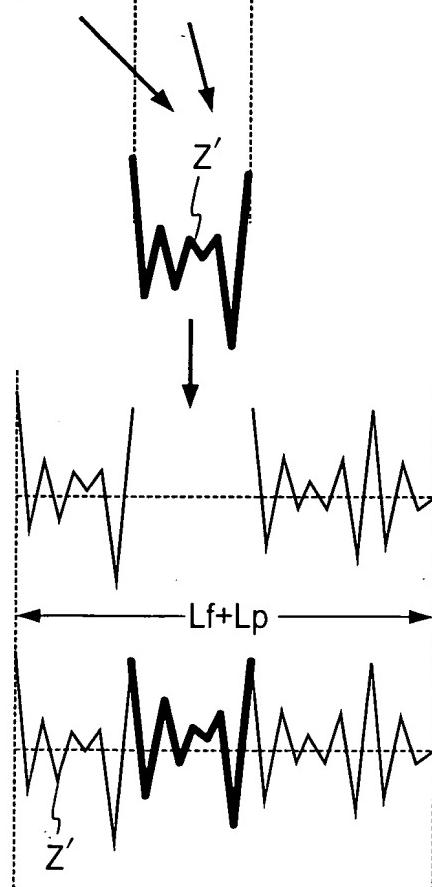


FIG. 9D

EXPANDED AUDIO SIGNAL WAVEFORM

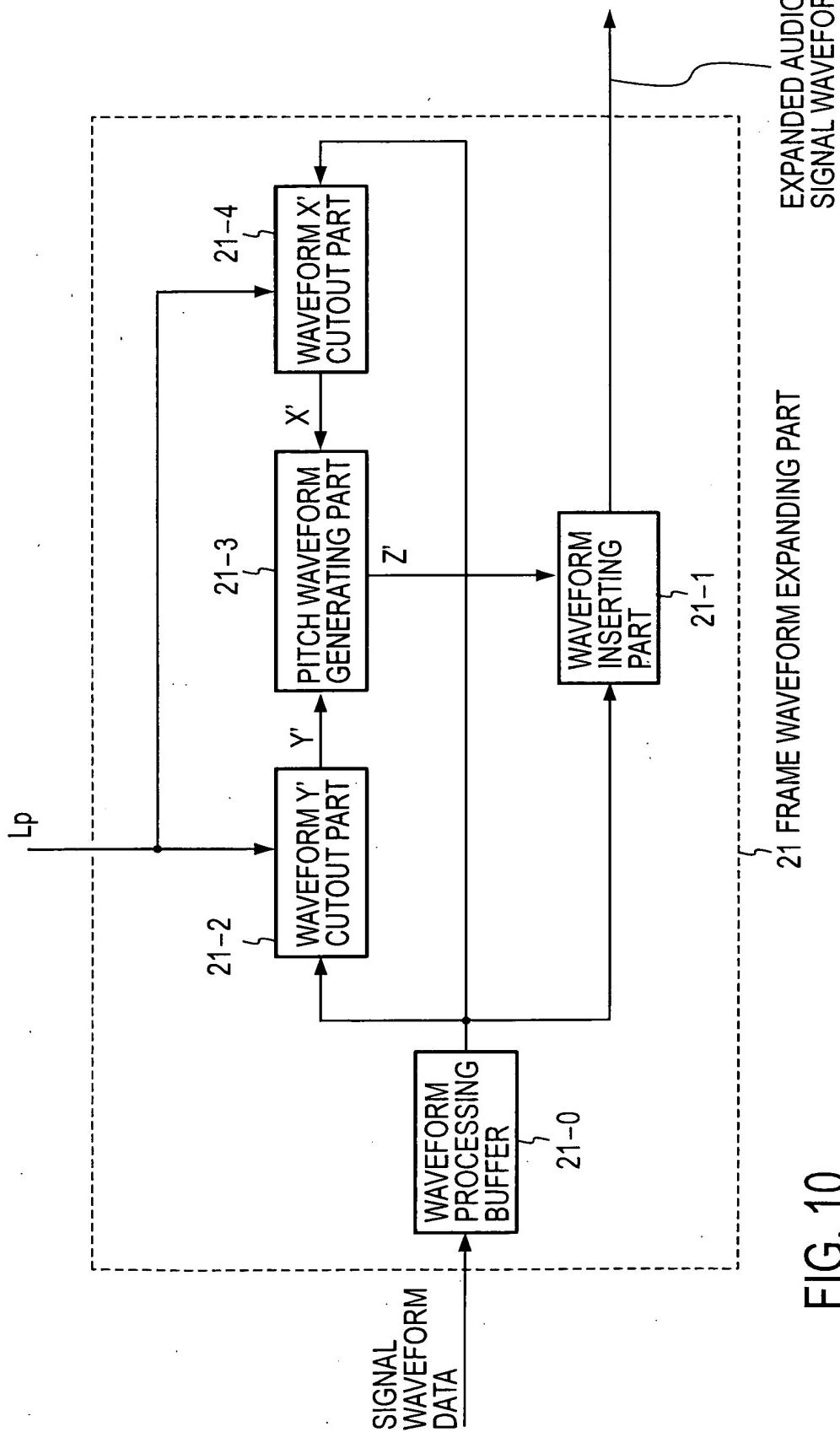


FIG. 10

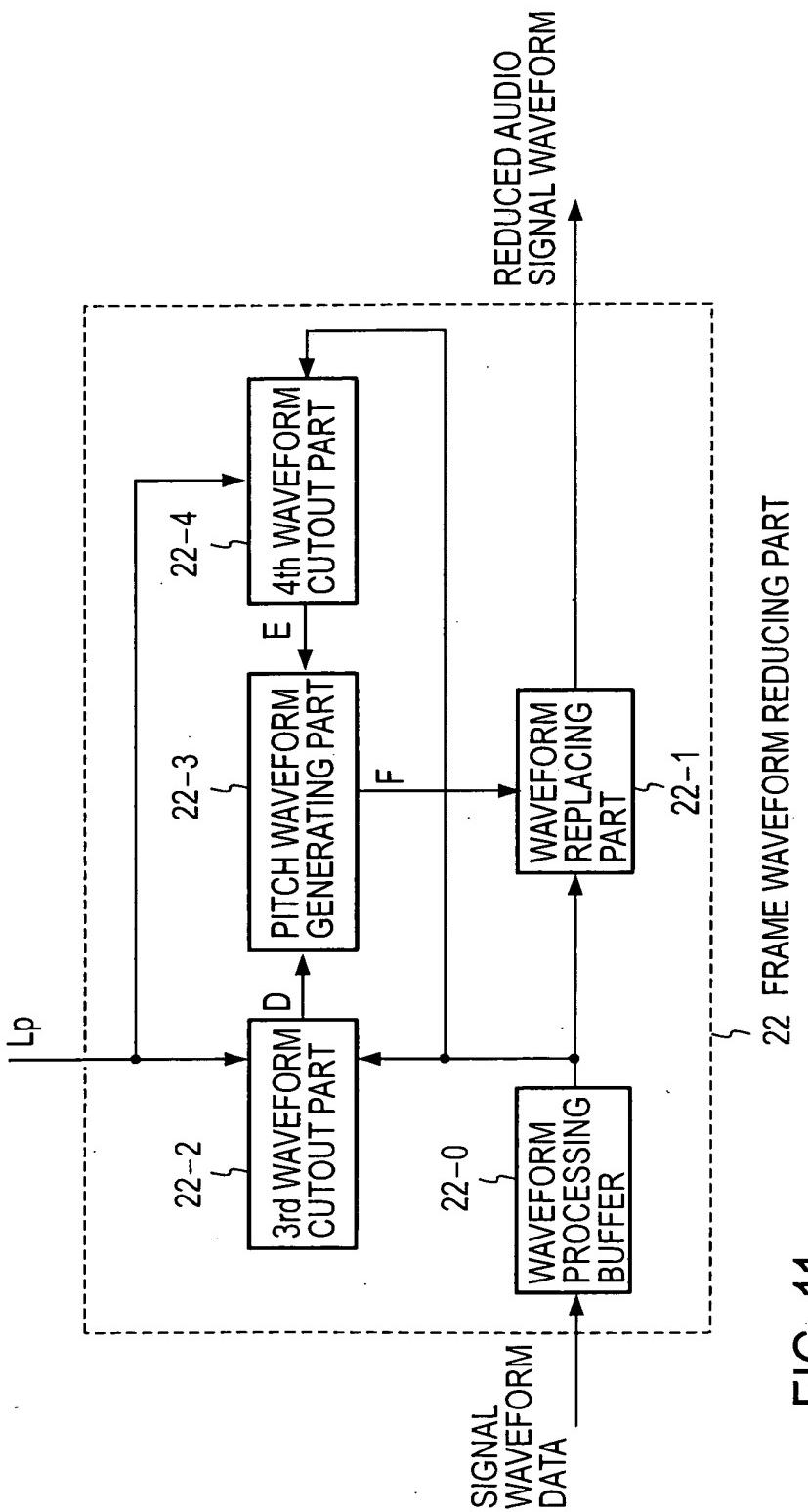


FIG. 11

22 FRAME WAVEFORM REDUCING PART

FIG. 12A

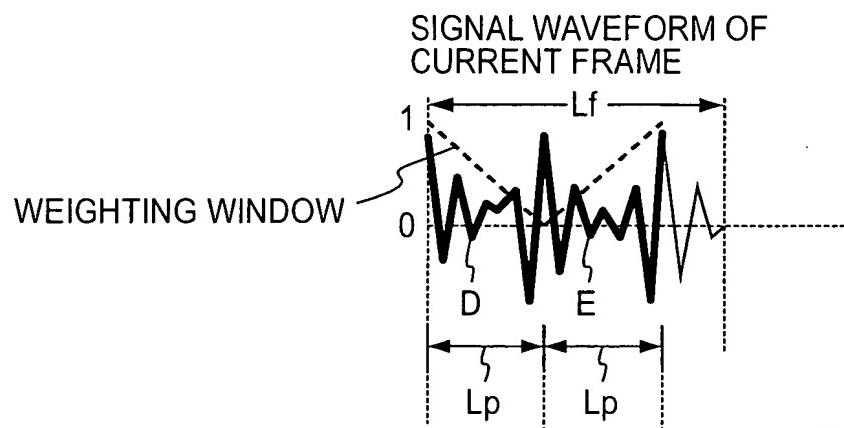


FIG. 12B

WAVEFORM F OF 1 PITCH LENGTH L_p GENERATED FROM D AND E



FIG. 12C

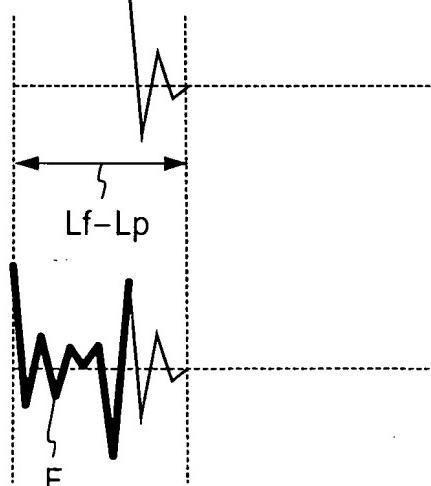
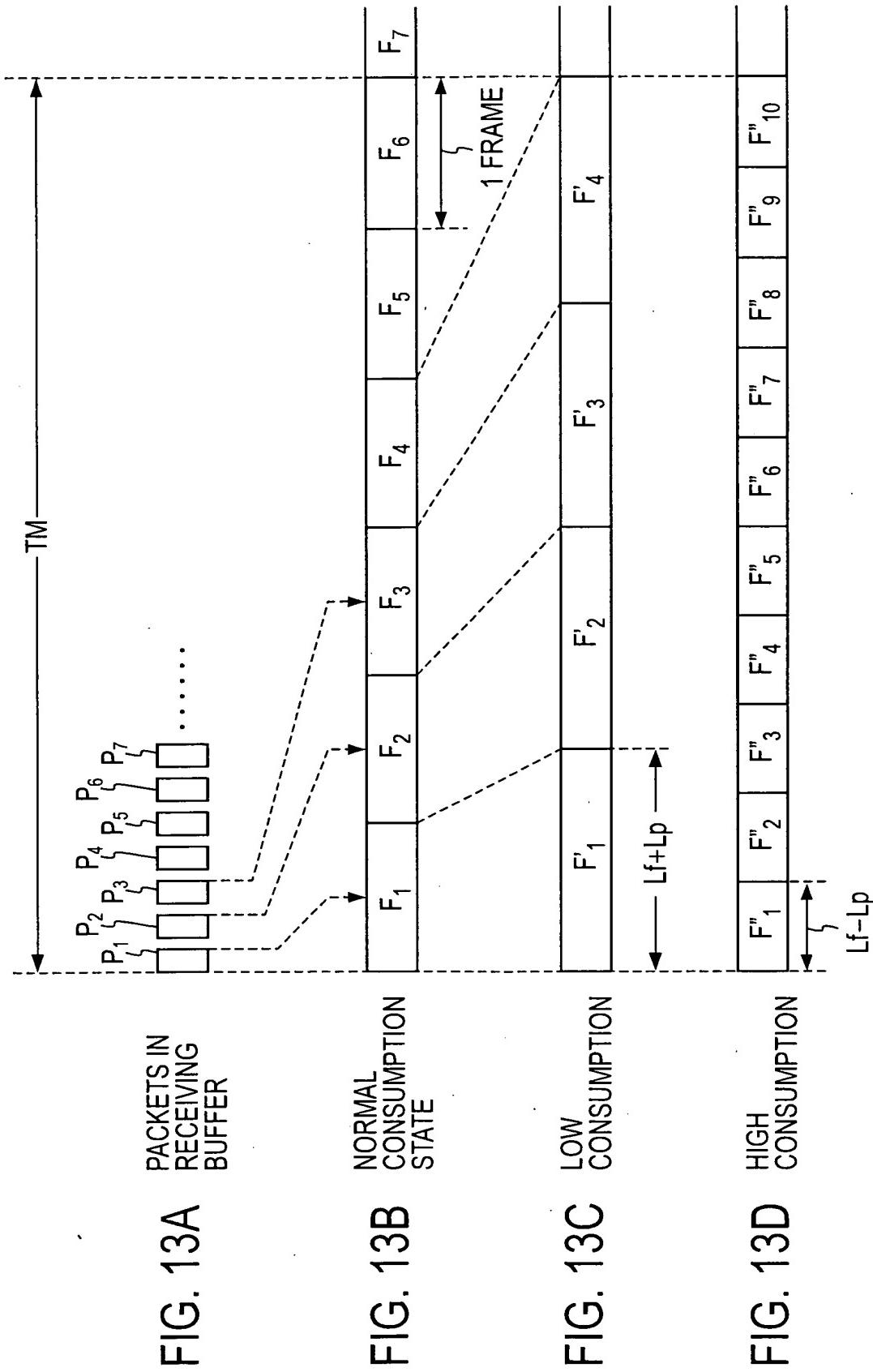


FIG. 12D

REDUCE AUDIO SIGNAL WAVEFORM



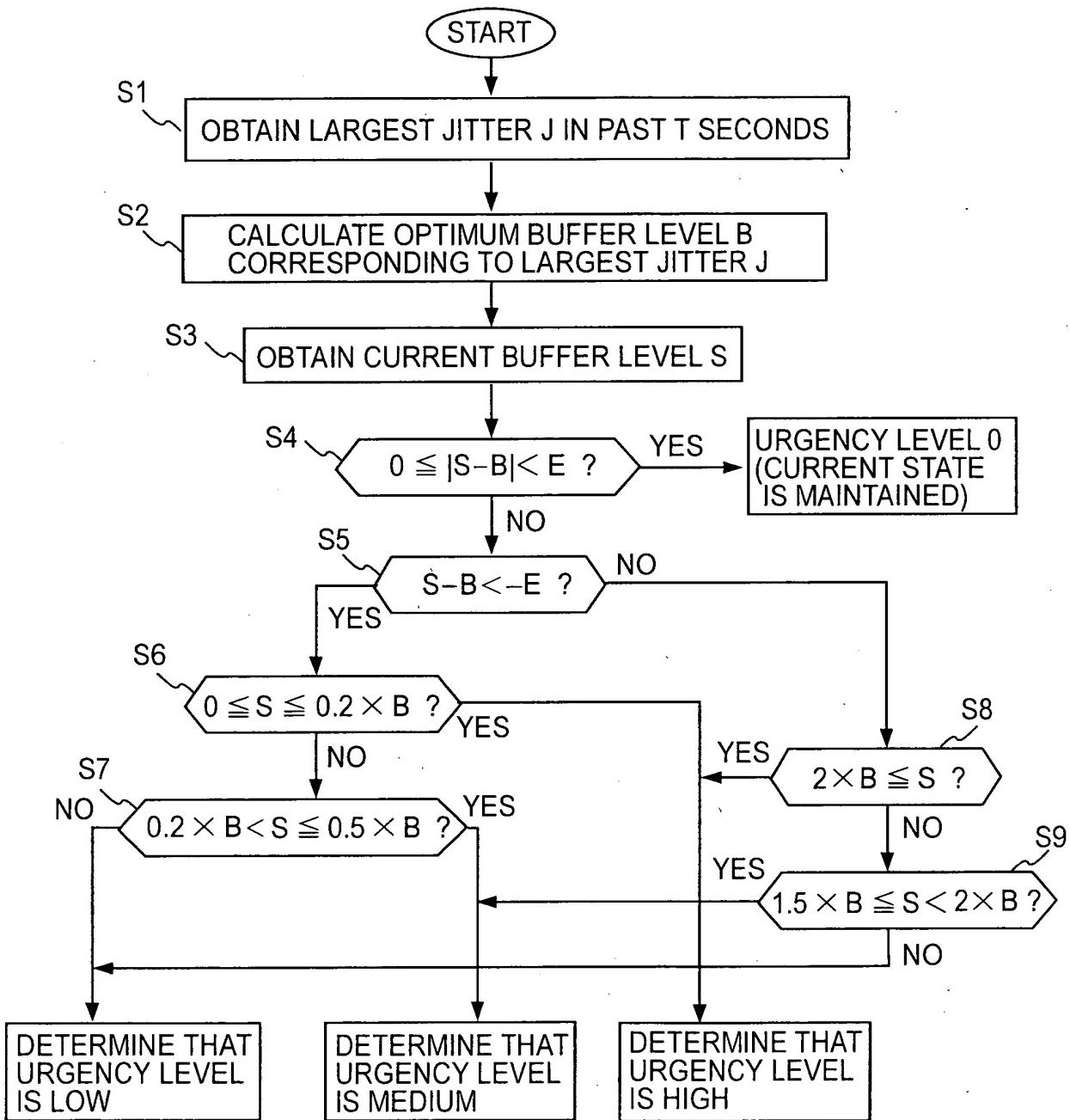


FIG. 14

FIG. 15

TABLE 1

	VOICE SEGMENT	NON-VOICE SEGMENT
URGENCY LEVEL IS HIGH	SET TO A OR C	
URGENCY LEVEL IS MEDIUM		
URGENCY LEVEL IS LOW	FIX AT B	SET TO A OR C
URGENCY LEVEL IS 0 (CURRENT STATE IS MAINTAINED)	FIX AT B	

FIG. 16

TABLE 2

	VOICE SEGMENT	NON-VOICE SEGMENT
URGENCY LEVEL IS HIGH	SET TO A OR C	
URGENCY LEVEL IS MEDIUM		
URGENCY LEVEL IS LOW	SET TO A OR C EVERY N1-th FRAME. FIXED AT B FOR OTHER FRAMES. (N1=5, FOR EXAMPLE)	SET TO A OR C
URGENCY LEVEL IS 0 (CURRENT STATE IS MAINTAINED)	FIX AT B	

FIG. 17

TABLE 3

	VOICE SEGMENT	NON-VOICE SEGMENT
URGENCY LEVEL IS HIGH	SET TO A OR C	
URGENCY LEVEL IS MEDIUM	SET TO A OR C EVERY N2-th FRAME. FIXED AT B FOR OTHER FRAMES. (N2=2, FOR EXAMPLE)	SET TO A OR C
URGENCY LEVEL IS LOW	SET TO A OR C EVERY N1-th FRAME. FIXED AT B FOR OTHER FRAMES. (N1=5, FOR EXAMPLE)	SET TO A OR C
URGENCY LEVEL IS 0 (CURRENT STATE IS MAINTAINED)	FIX AT B	

FIG. 18

TABLE 4

	VOICE SEGMENT	NON-VOICE SEGMENT
URGENCY LEVEL IS HIGH	SET TO A OR C EVERY N3-th FRAME. FIXED AT B FOR OTHER FRAMES. (N3=1, FOR EXAMPLE)	
URGENCY LEVEL IS MEDIUM	SET TO A OR C EVERY N2-th FRAME. FIXED AT B FOR OTHER FRAMES. (N2=2, FOR EXAMPLE)	SET TO A OR C EVERY N4-th FRAME. FIXED AT B FOR OTHER FRAMES. (N4=1, FOR EXAMPLE)
URGENCY LEVEL IS LOW	SET TO A OR C EVERY N1-th FRAME. FIXED AT B FOR OTHER FRAMES. (N1=5, FOR EXAMPLE)	SET TO A OR C EVERY N5-th FRAME. FIXED AT B FOR OTHER FRAMES. (N5=2, FOR EXAMPLE)
URGENCY LEVEL IS 0 (CURRENT STATE IS MAINTAINED)	FIX AT B	

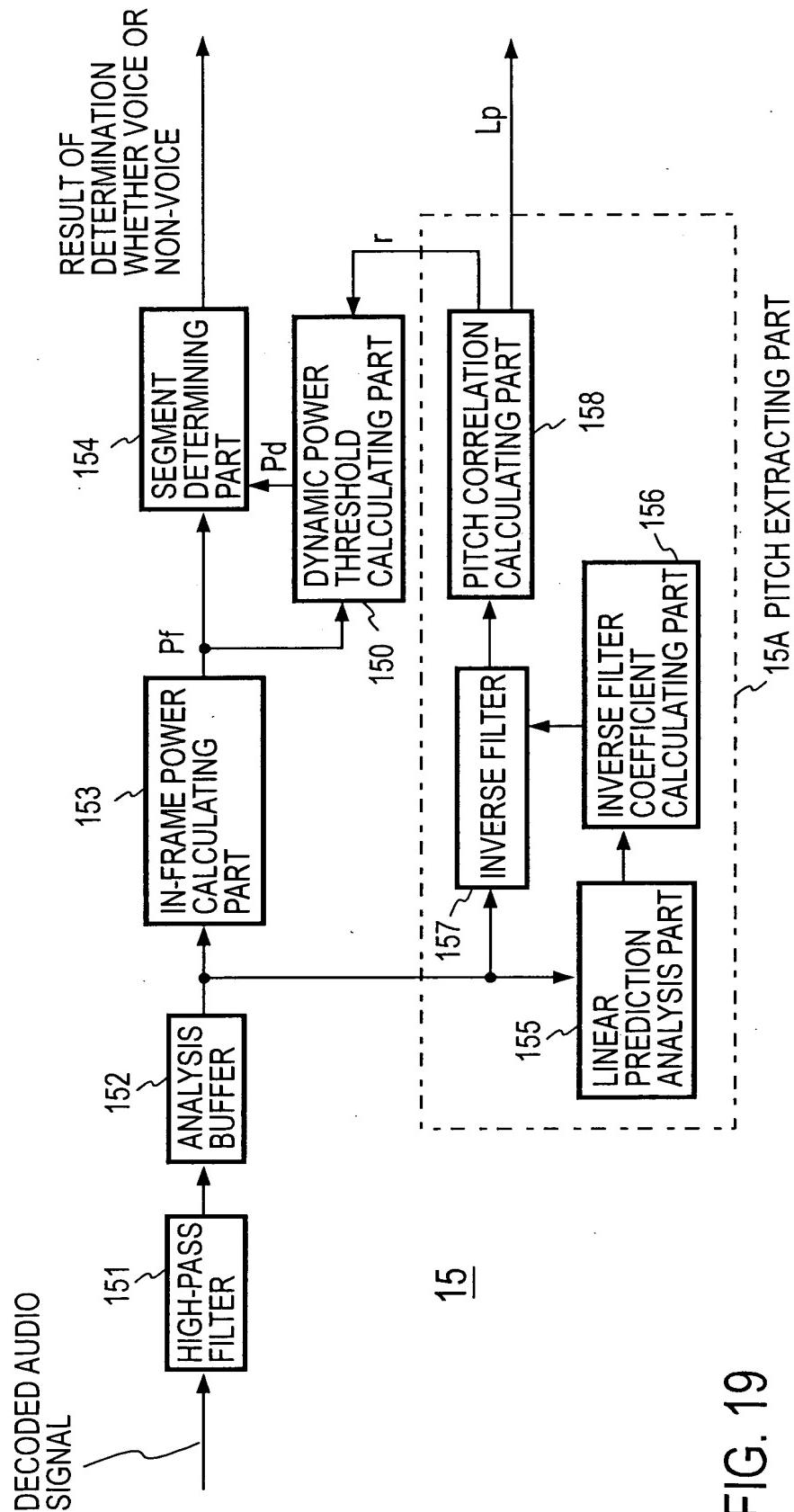


FIG. 19

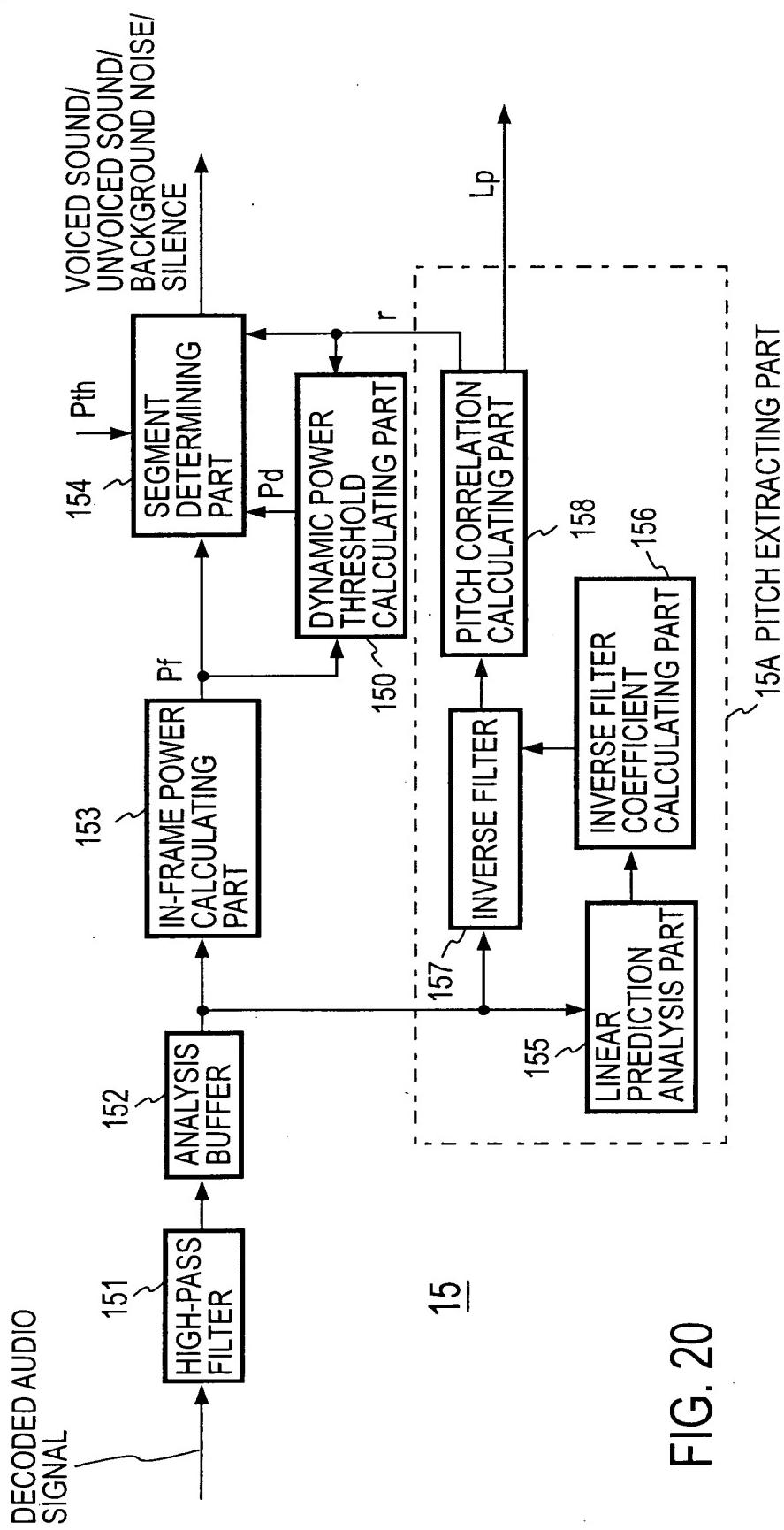


FIG. 20

FIG. 21

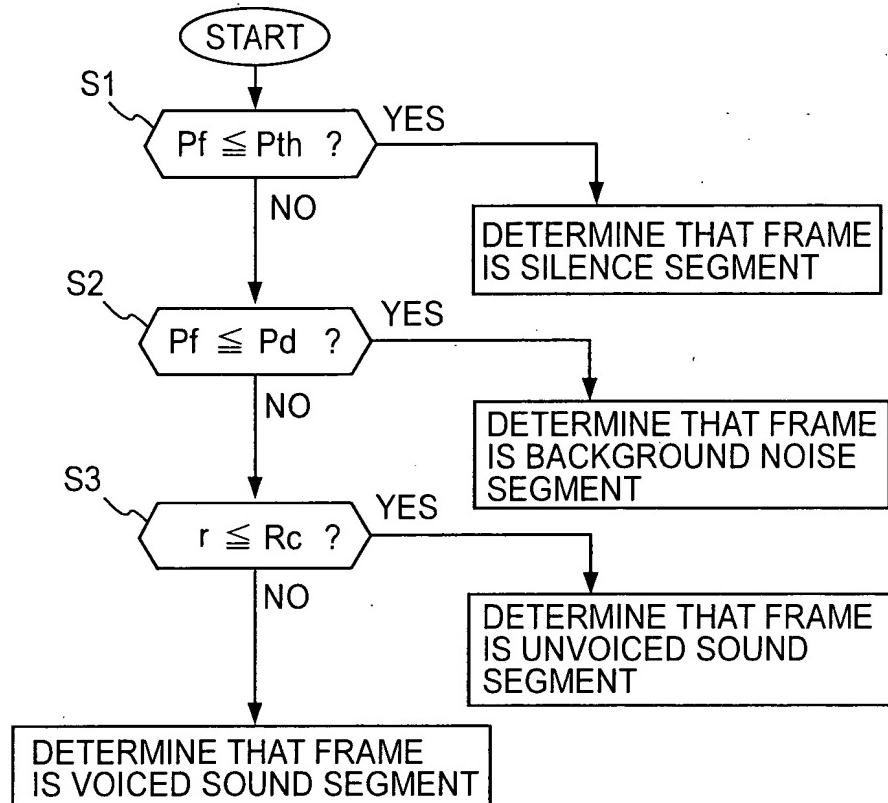


FIG. 22

TABLE 5

	VOICED SOUND SEGMENT	UNVOICED SOUND SEGMENT	BACKGROUND NOISE SEGMENT	SILENCE SEGMENT
URGENCY LEVEL IS HIGH	SET TO A OR C			
URGENCY LEVEL IS MEDIUM	EVERY N6-th FRAME	EVERY N7-th FRAME	EVERY N8-th FRAME	EVERY N9-th FRAME
URGENCY LEVEL IS LOW	EVERY N10-th FRAME	EVERY N11-th FRAME	EVERY N12-th FRAME	EVERY N13-th FRAME
URGENCY LEVEL IS 0	FIX AT B (CURRENT STATE IS MAINTAINED)			